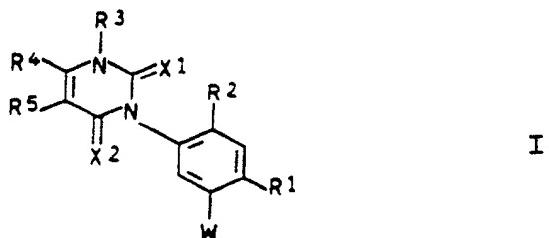
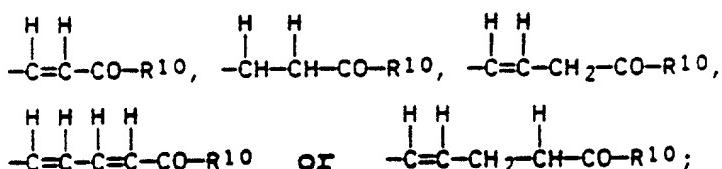


Abstract of the Disclosure: Substituted 3-phenyluracils  
I



where  $X^1-X^4$  are each O or S; W is unsubstituted or substituted  $-\text{CH}=\text{O}$ ,  $-\text{CH}=\text{S}$ ,  $-\text{CH}=\text{NH}$ ,  $-\text{CH}(\text{X}^3\text{R}^6)(\text{X}^4\text{R}^7)$ ,



$\text{R}^6$  and  $\text{R}^7$  are each  $\text{C}_1-\text{C}_6$ -alkyl,  $\text{C}_3-\text{C}_6$ -alkenyl,  $\text{C}_3-\text{C}_6$ -alkynyl or  $\text{C}_1-\text{C}_6$ -alkoxy- $\text{C}_1-\text{C}_6$ -alkyl or together form a carbon chain;

$\text{R}^{10}$  is H, OH, SH, an ether or thioether group, unsubstituted or substituted  $\text{C}_1-\text{C}_6$ -alkyl,  $\text{C}_3-\text{C}_6$ -alkenyl,  $\text{C}_3-\text{C}_6$ -alkynyl,  $\text{C}_3-\text{C}_6$ -cycloalkyl, unsubstituted or substituted amino or unsubstituted or substituted phenyl;

$\text{R}^1$  is halogen, CN,  $\text{NO}_2$  or  $\text{CF}_3$ ;

$\text{R}^2$  is H or halogen;

$\text{R}^3$  is H,  $\text{C}_1-\text{C}_6$ -alkyl,  $\text{C}_3-\text{C}_6$ -alkenyl,  $\text{C}_3-\text{C}_6$ -alkynyl,  $\text{C}_3-\text{C}_6$ -cycloalkyl,  $\text{C}_3-\text{C}_6$ -cycloalkylcarbonyl,  $\text{C}_1-\text{C}_6$ -cyanoalkyl,  $\text{C}_1-\text{C}_6$ -haloalkyl,  $\text{C}_1-\text{C}_6$ -alkoxy- $\text{C}_1-\text{C}_6$ -alkyl, CHO,  $\text{C}_1-\text{C}_6$ -alkanoyl,  $\text{C}_1-\text{C}_6$ -alkoxycarbonyl,  $\text{C}_1-\text{C}_6$ -haloalkylcarbonyl, unsubstituted or substituted amino, unsubstituted or substituted phenyl or phenyl- $\text{C}_1-\text{C}_6$ -alkyl;

$\text{R}^4$  and  $\text{R}^5$  are each H, CN, halogen, unsubstituted or substituted  $\text{C}_1-\text{C}_6$ -alkyl,  $\text{C}_2-\text{C}_6$ -alkenyl,  $\text{C}_2-\text{C}_6$ -alkynyl,  $\text{C}_3-\text{C}_6$ -cycloalkyl or unsubstituted or substituted phenyl;

$\text{R}^5$  may additionally be  $\text{NO}_2$ , CHO,  $\text{C}_1-\text{C}_6$ -alkylcarbonyl,  $\text{C}_1-\text{C}_6$ -haloalkylcarbonyl,  $\text{C}_1-\text{C}_6$ -alkoxycarbonyl or unsubstituted or substituted amino, or

$\text{R}^4$  and  $\text{R}^5$  together form an unsubstituted or substituted

carbon chain,

with the proviso that R<sup>4</sup> is not CF<sub>3</sub> at the same time as R<sup>5</sup> is H when W is -CH=CH-CO-R<sup>10</sup> where R<sup>10</sup> is C<sub>1</sub>-C<sub>6</sub>-alkoxy or C<sub>3</sub>-C<sub>7</sub>-cycloalkoxy,

and the salts and enol ethers of I in which R<sup>3</sup> is H, are used for the desiccation and defoliation of plants and as insecticides and herbicides.